

WHAT IS CLAIMED IS:

1. A hybridization device comprising a sheet having a hydrophilic surface region and a hydrophobic surface region surrounding the hydrophilic region, the hydrophilic surface region facing a probe-biopolymer-fixed region of a substrate when the sheet and the probe-biopolymer-fixed substrate are arranged in layers.
2. A hybridization device comprising a sheet having a hollowed region and a region surrounding the hollowed region, the hollowed region facing a probe-biopolymer-fixed region of a substrate when the sheet and the probe-biopolymer-fixed substrate are arranged in layers.
3. A hybridization device according to claim 2, wherein the surface of the hollowed region of the sheet is hydrophilic while the surface of the region surrounding the hollowed region is hydrophobic.
4. A hybridization device according to claim 1, wherein the sheet is made of a material that has affinity with the substrate.
5. A hybridization device according to claim 4, wherein the sheet is made of silicone rubber.
6. A hybridization device according to claim 1, wherein the sheet is slightly larger than the substrate.
7. A hybridization device, comprising a substrate fixed with a probe biopolymer and the sheet of claim 1.